

DERWENT-ACC-NO: 1986-208915

DERWENT-WEEK: 198632

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TITLE: Pretreatment of animals prior to slaughter - involves making animal breathe carbon monoxide

PATENT-ASSIGNEE: IIMURA T[IIMUI]

PRIORITY-DATA: 1984JP-0265638 (December 17, 1984)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
JP 61141835 A	June 28, 1986	N/A	005	N/A
JP 93010053 B	February 8, 1993	N/A	003	A22B 003/00

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
JP 61141835A	N/A	1984JP-0265638	December 17, 1984
JP 93010053B	N/A	1984JP-0265638	December 17, 1984
JP 93010053B	Based on	JP 61141835	N/A

INT-CL (IPC): A22B003/00, A22C005/00

ABSTRACTED-PUB-NO: JP 61141835A

BASIC-ABSTRACT:

The process involves making the animal breather carbon monoxide before their death.

In the case of animals, they are introduced into a sealed room in which the atmosphere is replaced with carbon monoxide, or carbon monoxide masks are applied to their nose in a closed room.

In the case of fish, the water tank including the live fish is put into a closed room and carbon monoxide is blown into the water.

ADVANTAGE - Animal meat, fish meat, etc. is discoloured during storing even when kept at low temp. Carbon monoxide is bound to haemoglobin and myoglobin in place of oxygen and the meat retains its vivid red colour. Coagulation of blood can be prevented and, being fluid, blood can be easily discharged. This the putrefaction of meat caused by remaining blood can be also prevented.

CHOSEN-DRAWING: Dwg.0/2

TITLE-TERMS: PRETREATMENT ANIMAL PRIOR SLAUGHTER ANIMAL BREATH CARBON MONO
OXIDE

DERWENT-CLASS: D12

CPI-CODES: D02-A01;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1423U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1986-089949